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(71) Applicant (for all designated States except US): TELE-FONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE).

(72) Inventors; and
(75) Inventors/Applicants (for US only): DESIC, Sasa [HR/HR]; Pasariceva 4, 10000 Zagreb (HR). HULJENIC, Darko [HR/HR]; S. Batusica 19, 10090 Zagreb (HR). LOVREK, Ignac [HR/HR]; Gunduliceva 38, 10000 Zagreb (HR).

(74) Agents: HOFFMANN.EITLE et al.; Arabellastrasse 4, 81925 München (DE).

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(54) Title: LOAD BALANCING SYSTEM USING MOBILE AGENTS
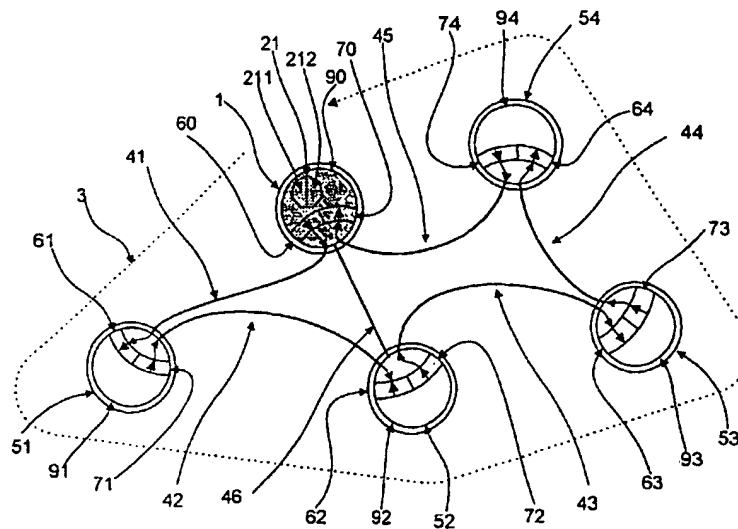
(57) Abstract: A method for managing the respective processing loads of a plurality of processors in a network using a load balancing technique for load balancing, in which: a first network management processor issues a processing load information collection message to an adjacent processor, said adjacent processor adds into the message its analysed processing load information and forwards said message to yet another processor of the processor network which repeats the adding and forwarding functions, until one processor forwards the message with the added processing load information to the first network management processor, which determines, on the basis of the processing load information of the processors stored in said processing load information collection message a load balancing technique for load distribution among the processors in said processor network.